

Title (en)

A fastener driving-tool with anti-oxydant battery contacts

Title (de)

Gerät zum Eintreiben von Befestigungsmitteln mit nichtoxidierenden Batteriekontakten

Title (fr)

Outil d'enfoncement d'éléments de fixation avec des contacts de batterie non-oxydables

Publication

**EP 1364751 B1 20131204 (EN)**

Application

**EP 03291236 A 20030523**

Priority

US 15576602 A 20020524

Abstract (en)

[origin: EP1364751A2] A fastener driving tool includes a housing (12) defining a cavity (14) for insertion of at least one battery (16), a battery configured for insertion into the cavity and having at least one battery contact element (22), a terminal module (20) disposed in the cavity, constructed and arranged for engaging the battery and making an electrical connection therewith, the module including at least one terminal module contact element (32). At least one of the battery and terminal module contact elements incorporates a precious metal alloy and the other of the contact elements is conductive. The respective contact elements are configured for oxidation-free operation in the range of at least about 100g's.

IPC 8 full level

**B25C 1/00** (2006.01); **B25C 1/08** (2006.01); **B25C 7/00** (2006.01); **B25F 5/00** (2006.01); **H01M 2/30** (2006.01); **H01M 2/32** (2006.01); **H01M 50/571** (2021.01); **H01R 13/03** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP US)

**B25C 1/08** (2013.01 - EP US); **H01R 13/03** (2013.01 - EP US); **H01R 13/24** (2013.01 - EP US)

Cited by

EP2193884A4; US8123098B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1364751 A2 20031126**; **EP 1364751 A3 20070829**; **EP 1364751 B1 20131204**; AU 2003204260 A1 20031211; AU 2003204260 B2 20051020; CA 2423947 A1 20031124; CA 2423947 C 20091110; CN 100420551 C 20080924; CN 1459362 A 20031203; DK 1364751 T3 20140303; JP 2004001193 A 20040108; JP 2012210710 A 20121101; MX PA03004559 A 20031127; NZ 526030 A 20040625; TW 200306903 A 20031201; TW I284589 B 20070801; US 2003218045 A1 20031127; US 6786381 B2 20040907

DOCDB simple family (application)

**EP 03291236 A 20030523**; AU 2003204260 A 20030520; CA 2423947 A 20030328; CN 03131354 A 20030515; DK 03291236 T 20030523; JP 2003085140 A 20030326; JP 2012176221 A 20120808; MX PA03004559 A 20030522; NZ 52603003 A 20030521; TW 92106293 A 20030321; US 15576602 A 20020524